

### **Abstract Of The Disclosure**

A residential gateway (RG) for distributing video, data and telephony services to multiple devices within a residence is disclosed. The RG receives signals from a telecommunications network, converts the signals to formats compatible with the multiple devices, and transmits the appropriate signals to the appropriate devices. Optical Remote Control devices (RCs) associated with remotely located televisions (TVs) transmit channel select commands to the RG as optical signals. The optical signals are received by an optical receiver located in close proximity to the remotely located TVs. The optical signal is then converted to an RF signal by an RF transmitter which transmits the RF signal over coaxial cable. A Remote Antennae Module (RAM) extracts the channel select command from the RF signal and provides it to the RG.